

Size:	17,493 acres
Mission:	Maintained and operated facilities, provided services and materials, and stored and issued weapons and ordnance in support of the operating forces of the Navy and shore activities; provided dry-dock facilities, repair services, and related services for Guam Naval Activities
HRS Score:	NA
IAG Status:	IAG signed in 1993
Contaminants:	PCBs, petroleum/oil/lubricants, solvents, pesticides, and heavy metals
Media Affected:	Groundwater and soil
Funding to Date:	\$83.3 million
Estimated Cost to Completion (Completion Year):	\$70.0 million (FY2013)
Final Remedy in Place or Response Complete Date for BRAC Sites:	FY2002
Final Remedy in Place or Response Complete Date for Non-BRAC Sites:	FY2013



Apra Harbor, Guam

Restoration Background

This facility consists of Navy commands in the Apra Harbor area and the former Naval Magazine (NAVMAG) area southeast of the harbor. Four of the commands (Guam Naval Activities (NAVACTS), Naval Fleet and Industrial Supply Center (FISC), Naval Ship Repair Facility (NSRF), and Public Works Center (PWC)) were recommended for realignment or closure by the BRAC Commission in July 1995. The Naval Ship Repair facility ceased operations in September 1997.

Operations that contributed to contamination were support, photographic and printing shops, a dry cleaning plant, power plants and boilers, pest control operations, and chemical and medical laboratories. Wastes were stored and disposed of in landfills, incinerators, and wastewater treatment plants.

The four commands have 29 CERCLA sites in the Installation Restoration Program, 21 RCRA sites, and 3 BRAC sites. Of the CERCLA sites, 12 are Response Complete, 3 are in the study phase of a Remedial Investigation and Feasibility Study (RI/FS), 3 are in the cleanup phase of Interim Remedial Action (IRA), and 3 are in the study phase of IRA. Of the RCRA sites, 19 are in the RCRA Facility Investigation (RFI) and corrective measures study (CMS) phase. Two Removal Actions have been completed, and a Human Health Risk Assessment and an Ecological Risk Assessment have been prepared for the four commands. Of the three BRAC sites, one is in the study phase and two are in the Engineering Evaluation and Cost Analysis (EE/CA) phase. In FY95, a draft EE/CA for NAVACTS Site 28 was completed and the site was included in the 1995 BRAC round. Because of suspect data, confirmatory sampling was conducted concurrently with the RI for the adjacent wetland area.

The complex completed a joint community relations plan in FY92. A local information repository was established in FY94. The complex

converted its technical review committee (formed in FY89) to a Restoration Advisory Board (RAB) in FY95. During FY96, the BRAC cleanup team (BCT) completed an Environmental Baseline Survey (EBS) and a BRAC Cleanup Plan (BCP). In FY97, regulators and the Navy created a Memorandum of Understanding. Also in FY97, the BCT completed a finding of suitability to lease for two parcels, finished resampling of suspect data, and expanded an RI.

FY98 Restoration Progress

At NAVACTS, Corrective Measures Design (CMD) was completed for four sites. Corrective measures implementation (CMI) is under way at two sites. The draft EE/CA for Site 1 was completed. However, because of erosion on the cliff, design and construction of the Site 1 Removal Action were not completed. A separate Removal Action is being designed to stabilize the cliff. The planned Removal Action for Site 14 was conducted. The planned Removal Action for Site 4 was deferred, pending receipt of regulator comments on the revision of the remedial alternative. Investigations began for Areas of Concern (AOCs) 1 and 2. At FISC, investigation began at Site 33. At Site 19, the EE/CA and the draft design of the Removal Action were completed. CMI is under way at Site 12.

At NSRF, the RA was delayed so that the EE/CA could be presented to the RAB. CMI is complete for Site 51, and Guam EPA tentatively approved the final RFI report for surface and subsurface soil at the remaining seven NSRF sites; no CMD was needed. At PWC, the Removal Action for Site 16 was not completed. Two areas of contamination remain at the site, and additional sampling may be performed. The RIs for Sites 16 and 17 were not performed because funding was reallocated to other projects. CMD was completed at Sites 1 and 11, and CMI is under way at Site 1. Investigation began at AOC 1. The Removal Action began at Site 28.

Plan of Action

- Complete revised draft EE/CA for NAVACTS Site 28 in FY99
- Begin CMI for PWC Site 11 and NAVACTS Site 26 in FY99
- Complete CMI at PWC Site 1, FISC Site 12, and NAVACTS Sites 16 and 17 in FY99
- Conduct investigations at Barrigada Disposal Areas and begin EE/CA at NAVACTS AOC 3 in FY99
- Complete investigation and start EE/CA and RA at NAVACTS AOC 2 in FY99
- Complete EE/CA at FISC Site 33 in FY99
- Complete RD for seawall and begin IRA at NAVACTS Site 1 in FY99
- Complete EE/CA and RD and begin RA at NSRF AOC 1 in FY99
- Complete RD and RA at NSRF Site 25 in FY99
- In FY99, complete a Removal Action for NAVACTS Site 14 and an RI, EE/CA, and RD at PWC AOC 1
- Finalize design and initiate Removal Action at FISC Site 19 in FY99
- Complete RI and begin RD at the New Apra Heights Disposal Area NAVACTS AOC 1

SITES ACHIEVING RIP OR RC PER FISCAL YEAR

